Vol. IX. 1955. No. 1—6

SYDOWIA
ANNALES MYCOLOGICI
EDITI IN NOTITIAM
SCIENTIAE MYCOLOGICAE UNIVERSALIS

BEGRÜNDET VON H. SYDOW,

NEU HERAUSGEGEBEN UND REDIGIERT

VON

F. PETRAK

UNTER MITWIRKUNG VON: DR. S. AHMAD (LAHORE, PAKISTAN), PROF. DR. K. B. BOEDIJN (BOGOR, JAVA), PROF. DR. S. R. BOSE (CALCUTTA), DR. H. BREMER (NEUSS, DEUTSCHLAND), PROF. DR. R. CIFERRI (PAVIA), DR. F. C. DEIGHTON (NJALA, SIERRA LEONE), DR. CH. DRECHSLER (BELTSVILLE, MD. USA), DR. E. ESFANDIARI (TEHERAN), PROF. DR. E. GÄUMANN (ZÜRICH), DR. J. C. LINDQUIST (LA PLATA, ARGENTINIEN), DR. L. LING (ROM), DR. E. MÜLLER (ZÜRICH, SCHWEIZ), DR. A. PILÁT (PRAHA, ČSR.), DR. B. D. SANWAL (DELHI, INDIA), PROF. DR. T. SAVULESCU (BUCURESTI) DR. R. SINGER (TUCUMAN, ARGENTINA), PROF. DR. A. H. SMITH (ANN ARBOR, MICH. USA), DR. M. J. THIRUMALACHAR (MALLESWARAM, BANGALORE, INDIA), PROF. DR. L. WEHMEYER (ANN ARBOR, MICH. USA.).

ACHTER JAHRGANG — 1955

(ABGESCHLOSSEN AM 30. DEZEMBER 1955)

VERLAG VON FERDINAND BERGER, HORN, N.-Ö., AUSTRIA

Inhalt (Band IX.)

I. Originalarbeiten.

Seite

Bestagno Biga, M. L. Riesaminazione delle specie del genere *Albugo* in base alla morphologia dei conidi 339
Cernohorsky, T. & Raab, H., *Russula*-Flora Österreichs . . 260
Ciferri, R., Observations on Meliolicolous *Hyphales* from Santo Domingo . . . . . , 296
Cooke, Wm. Bridge, Fungi of Mount Shasta 94
Corbaz, R., Sur *Didymella phacae* nov. spec. 229
Drechsler, Ch., Production of zoospores from germinating oospores of *Pythium Butleri* 451
Govindu, H. C. & Thirumalachar, M. J., Notes on some Indian Cercosporae — VI. 221
Gremmen, J., Some additional notes on *Crumenula* de Not. and *Scleroderris* (Fr.) de Not. 231
— New and noteworthy discomycetous fungi on coniferous hosts from Switzerland 432
Hansford, C. G., Tropical Fungi — V. 1
Höfler, K., Zur Pilzvegetation aufgeforsteter Fichtenwälder . . 246
Karling, J. S., Resting Spore Germination in *Synchytrium* . . 292
— Hosts of *Synchytrium australe* Speg. 441
— *Synchytrium shuteriae* and other doubtfoul Species . . . 467
Lohwag, K., Zur Abbauintensität holzzerstörender Pilze . . . 359
Müller, E., *Leptoguinardia,* eine neue Gattung der bitunicaten Ascomyceten 216
— & Ahmad, S., Über einige neue oder bemerkenswerte Ascomyceten aus Pakistan. — I 233
— & Corbaz, R., Kulturversuche mit Ascomyceten — II . . . 256
Pavgi, M. S. & Thirumalachar, M. J., Notes on some Indian *Ustilagineae.* — VIII 89
Petrak, F., *Scharifia* n. gen., eine neue Gattung der scolecosporen *Sphaeriales* . . . . . , 448
— *Allelochaeta* n. gen., eine neue, biciliate Melanconieengattung 464
— *Cumminsina* n. gen., eine neue Gattung der Uredineen . . 474
— *Phacostromella* n. gen., eine neue Gattung der Phomopsideen 480
— Mykologische Bemerkungen 483
— *Xenotypa* n. gen., eine neue Diaportheen-Gattung 497
— Neue Uredineen 501
— *Stomatogenella* n. gen., eine neue Gattung der Pyrenomyzeten 507
— *Ophiosira* n. gen., eine neue Gattung der Excipulaceen . . . 510
— *Urohendersoniella* n. gen., eine neue Gattung der phaeophragmosporen Sphaeropsideen 513
— *Pyrenocyclus* n. gen., eine neue, den Parmulineen nahe stehende Pyromyzetengattung 515
— Über *Phacidium infestans* Karst., einen gefährlichen Parasiten der Zirbelkiefer und einige andere in seiner Gesellschaft wachsende Pilze 518

Seite

Petrak, F., *Phacostroma* n. gen., eine neue Gattung der Melanconieen 527
— Beiträge zur Pilzflora von Süd- und Ostasien 530
— *Sclerozythia* n. gen., eine neue Gattung der nectrioiden Sphaeropsideen 539
— Fungi beltsvillenses — VI 542
— *Myiocoprula* n. gen., eine neue Gattung der hemisphaerioiden Fungi imperfecti 547
— Beiträge zur Pilzflora von Zentral- und Südamerika . . . 550
— *Dictyoporthe* n. gen., eine neue Gattung der Diaportheen . . 557
— Neue Mikromyzeten der australischen Flora 559
— *Callistospora* n. gen., eine neue, phaeophragmospore Sphaeropsideengattung 571
— Neue Askomyzeten und Fungi imperfecti der österreichischen Flora 574
— *Plagiophiale* n. gen., eine neue Gattung der sphaerialen Askomyzeten 585
— *Coccogloeum* n. gen., eine neue Gattung der gloeosporoiden Melanconieen 588
— *Diacrochordon* n. gen., eine neue Gattung der *Sphaeriales* . . 591
— *Esfandiaria* n. gen., eine neue, sehr isoliert stehende, phaeodidymospore Gattung der Askomyzeten 594
— *Romellina* n. gen., eine neue Gattung der phaeosporen Pyrenomyzeten 597
— Über *Didymella* Sacc. und die neue Gattung *Pseudomassariella* n. gen. 601

Pilát, A., Über *Cyphella tephroleuca* Bres. 438
— *Cyphella Musae* Junghuhn in insula Trinidad 478
— & Svrček, Über eine neue *Sclerogaster*-Art aus Böhmen: *Sclerogaster gastrosporioides* Pil. et Svr. 280

Sandor, R., Beiträge zur Systematik der *Agaricales* 336

Singer, R., Type Studies on *Basidiomycetes* — VIII 367

Neue Literatur 604

II. Namenregister.

Verzeichnis der in den Originalarbeiten vorkommenden Pflanzennamen.
Neue Gattungsnamen sind gesperrt gedruckt.
Den neuen Arten ist der Autorname beigefügt.

Abstoma reticulatum 111, 197
Acanthonitschkia coloradensis 104, 127
Achorodothis 220
— poasensis 220
Acremoniella 323, 324
— subgen. Acremoniellopsis 323, 324
— subgen. Caudacremoniella 323, 324
— subgen. Eu-Acremoniella 323, 324
— subgen. Spinacremoniella 324
— atra 324
— melioliphila Cif. 323
— cucurbitae 324
— olivaespora 324
— sarcinellae 323
— verrucosa 324
Acremonium 335
— meliola 335
— verticillatum 103, 104, 209
Acrospermum Gaubae Petr. 564
Actinodothis 27
— perrottetiae 27
— piperis 1, 26
— suttoniae 28
Aecidium candidum 350
— Graebnerianum 109, 151
— ipomoeae 353
— ipomoeae-panduratae 353
— puracense Petr. 501
— Zernyanum Petr. 501
Agaricaceae 191, 400, 418
Agaricales 187, 369
Agaricus alveolatus 380
— amazonicus 409
— arvensis 191, 253
— aurantiellus 396
— aureobrunneus 409
— auricula 414
— aureotomentosus 380
— Boryanus 378
— candidissimus 417, 418
— cayennensis 395, 396
Agaricus chloroides 261
— chrysotrichus 410
— columellifer 398
— crocias 412
— crociphyllus 410
— curcuma 413
— dissimulans 404
— elongatipes 403
— euomphalus 393
— filiceus 411
— goniosporus 404
— Glazioui 401
— heliocaes 404
— hemileucus 384
— Hilarianus 395, 396
— holocrocinus 412
— hypericon 419
— inandae 416
— ixodes 379
— leptomorphus 405, 415
— lignifragus 400, 401
— marasmioides 409
— Martianus 402
— melinosarcus 395, 396
— micromegas 403
— mitraeformis 427, 428, 429
— mollis 413
— monticulosus 399
— napipes 379, 380
— olivaceo albus 379, 380
— oxylepis 411
— phaeton 415
— phalliger 375
— phylicigenus 403
— purpuratus 410
— radiculosus 379
— recedens 406, 407
— rheicolor 395
— rufopunctatus 404
— scobifer 404
— siennophylla 402
— silvaticus 253
— striaepes 402
— stromaticus 415, 416

Agaricus udus 403
— umbellula 401
— urbicus 397
— Trailii 411
— turbidulus 404
— veluticeps 418

Agrocybe 405, 429
— aegerita 403
— coprophila 403
— erebia 405
— fimicola 403
— neocoprophila 403
— sacchari 403

Ahmadinula excelsa 235

Albuginaceae 118

Albugo 339, 340, 344, 471
— achyranthis 345, 348
— austro-africana 345, 349
— bliti 345, 347
— brasiliensis 355
— brassicae 352
— candida 110, 118, 339, 341, 350, 358
— candida var. candida Cif. et Biga 346, 350
— candida f. heliphilae 350
— — var. macrospora Cif. et Biga 346, 352
— capparidis 345, 350
— caryophyllacearum (Wallr.) Cif. et Biga 345, 349
— centaurii (Hansf.) Cif. et Biga 346, 355
— chardiniae 347, 355
— Chardoni 345, 350
— cladothricis 348
— cynoglossi (Unam.) Cif. et Biga 346, 354
— eurotiae 345, 347
— Evansi 346, 354
— evolvuli (Damle) Cif. et Biga 346, 354
— froelichiae 348
— gomphrenae (Speg.) Cif. et Biga 345, 347
— hydrocotyles Petr. 559
— ipomoeae-aquaticae 346, 353
— ipomoeae-hardwikii 346, 354
— ipomoeae-panduranae 341, 346
— ipomoeae-panduranae var. ipomoeae-panduranae Cif. et Biga 346, 353
— — var. tiliaceae Cif. et Biga 346, 354

Albugo ipomoeae-pes caprae 346, 353
— lepigoni 349
— macrospora 352
— Mangenoti 349
— Mauginii (Parisi) Cif. et Biga 346, 353
— minor 346, 353
— molluginis 345, 349
— mors uvae 358
— occidentalis 345, 347
— parietariae 357
— platensis 345, 348
— portulacae 345, 348
— quadrata 346, 354
— resedae (Rayss) Cif. et Biga 346, 353
— sibirica 346
— solivae 347, 355
— spinulosa 355
— swertiae 346, 355
— thlaspeos 350
— tilleae (Lagerh.) Cif. et Biga 346, 353
— tragopogi 341, 347, 355, 358
— — var. cirsii Cif. et Biga 347, 357
— — var. inulae Cif. et Biga 347, 357
— — var. pyrethri Cif. et Biga 347, 356
— tragopogi var. tragopogi Cif. et Biga 347, 355
— — var. xeranthemi-annui (Sav. et Rayss) Cif. et Biga 347, 356
— trianthemae 345, 349
— tropica 345, 347
— wasabiae 350

Aleurodiscus amorphus 103, 104, 170
— diffisus 170
— fruticetorum 105, 170
— roseus 103, 104, 105, 171

Allelochaeta Petr. 464, 465
— Gaubae Petr. 464

Allescheriella 324

Alnicola 337
— alnetorum 406
— inculta (Peck) Sing. 406
— mirabilis (Atk.) Sing. 406

Alternaria brassicae 227

Amanita sp. 199, 399
— Cookeriana 400
— muscaria 251
— pantherina 248

Amanita phalloides 191
— porphyrea 248
— rubescens 253
— vaginata 248
Amanitaceae 191, 399, 418
Amanitopsis vaginata 111, 191
Amphichaeta 465, 466
Amphididymella 256
— Ahmadii E. Müll. et Corbaz 256
Amazonia anacardiacearum 40
— piperis (Syd.) Hansf. 1, 26
— Stevensii Hansf. 27
— suttoniae (Stev.) Hansf. 28
— toquian Petr. 530
Anthomycetella 476, 477
— canarii 476
Anthostomella livistonae 531
— wyalongensis Petr. 563
Aorate 330
— costaricana 330
Aphyllophorales 367
Apiosphaeria 542
— guaranitica 542
— Ospinae (Chard.) Petr. 542
Apiospora 560
— liliacearum Petr. 559
Apiosporella sp. 127
— alpina 107, 109, 127
— mimuli 107, 127
Apiosporium pulchrum f. cornisanguinei 315
Aposphaeria mollis 107, 201
Appendiculella 5
— acaenae Hansf. 28
— calostroma 5
— doliocarpi Hansf. 29
— echinata (Gaill.) Hansf. 50
— echinus var. domingensis Hansf. 29
— larviformis var. major Hansf. 30
— perrottetiae (Stev.) Hansf. 31
— vernoniae (Stev.) Hansf. 31
— tonkinensis 51
Araneomyces 329
— acarosporus 329
Archangeliella lactarioides 111, 195
— magna 111, 195
Armillaria mellea 103, 104, 187
— Zelleri 111, 188
Arthrinium cuspidatum 107, 214
Arthrobotryum 296, 305, 306, 320
— albicans 306
— caudatum 308
— dieffenbachiae 308
— glabroides 309
Arthrobotryum — f. antillanum 309
— melanoplacum 305, 310
— scoparium 305
— spongiosum 104, 214
— stilboideum 305, 306
— strychni 306, 311
— tecomae 305
— ugandense 311
Arthrographium 305
— stilboideum 305
Arthrosporium 306, 307
— parasiticum 306
Aschersonia 597, 599
— mellea 416
Ascochyta 230
— Baumgartneri Petr. 578
— Oudemansii 107, 206
— pisi 109, 201
— saponariae 492
— trifolii 488
Aspergillus fumigatus 112
Asterella crustacea 80
— hellebori 488
Asterina crustacea 80
— hellebori 488
— malleae Hansf. 80
— markhamiae Hansf. 79
Asterolibertia crustacea (E. et E.) Hansf. 80
— peruviana Hansf. 81
Asteroma 335
Asteromella 492, 493
— heucherae (E. et E.) Petr. 493
— innumera (Cke. et Hark.) Petr. 494
— lupini (E. et E.) Petr. 495
— saponariae (Fuck.) Petr. 492
Asterotus 375
— bicolor (Mont.) Sing. 376
— dealbatus 376
Asterophora oidioides 335
Asterostomella 316
Astraeaceae 198
Astraeus hygrometricus 111, 198
— pteridis 111, 198
Atropellis pinicola 231
— piniphila 231
Aurantioporellus alboluteus 103, 104, 180
Auricula auricula judae 361
Auricularia auricularis 103, 105, 168
Auriculariaceae 168

Baeospora 395
Balladyna 28, 532
— Sydowii Petr. 532
— uncinata 85
Balladynella byrsonimae Hansf. 84
Balladynopsis 532
Basidiomycetes 147
Belonioscypha campanula 108, 138
Belonopsis sp. 105
Bertia moriformis 103, 127
Bifusella acuminata 107
Blennoria acantholimonis 492
Bolbitiaceae 401
Bolbitius 427
— cucullatus 428
— liberatus 427
— mitraeformis 427
Boletaceae 193, 419
Boletellus 423
— sect. Ananae 424
— ananas 423, 424
— ananaeceps (Berk.) Sing. 423
— emodensis 424
— porphyrius 425
— rufescens (Cke et Mass.) Sing. 424
— squamatus (Berk.) Sing. 425
— verrucarius (Berk.) Sing. 425
Boletus 421
— albidus ssp. eupachypus 111, 193
— ananaeceps 423
— badius 253
— edulis 250, 253
— elegans 421
— frustosus 111, 194
— Grevillei 421
— lacunosus 422
— luteus 421
— megalosporus 423
— miniato-olivaceus 194
— nigricans 422
— squamatus 425
— sudanicus 419
— verrucarius 425
Botryodiplodia palmarum 536
Botryosphaeriaceae 216, 220
Botryosphaerostroma visci 110, 201
Botrytis cinerea 110, 210
Bovista pila 111, 196
Brachysporium oosporum 106, 212
Broomella montaniensis E. Müll. et Ahmad 233, 235

Caeoma candidum 355
— candidum var. compositarum 355
Caeoma centaureae 355
— convolvulatum 353
— torosum Petr. 502
— tragopogonis 355
Calbovista subsculpta 111, 197
Callistospora Petr. 571
— Gaubae Petr. 571
Calocera viscosa 248
Calodon amicus 111, 180
Caloscypha fulgens 111, 145
Calosphaeria striaeformis Petr. 532
Calvatia craniiformis 111, 196
— fumosa 196
— saccata var. pistilliformis 253
— sculpta 111, 197
— subcretacea 111, 197
Campanella 367
— merulina (B. et C.) Sing. 368
Camptomeris astragali 496
— sinensis Petr. 496
Cantharellula umbonata 111, 188
Cantharellus tubaeformis 253
Capnodiastrum stylosporum 536
— tremae 536
Cartosia 322
— meliolae 322
Catacauma portoricensis 544
Caulochora Baumgartneri 576
Cenangella radulicola 497
Cenangium sp. 103, 138
— ferruginosum 436, 437
Cephalosporium sp. 104, 112, 210
Cercospora acanthi 222
— Ahmadii Petr. 495
— anonae 227
— barlericola 222
— blainvilleae 226
— blumeae 224
— caracasensis 227
— carthami 225
— cheiranthi 226
— — var. brassicae Gov. et Thir. 226
— clavata 108, 212
— cleomes 227
— conyzae 224
— erythroxylonis Gov. et Thir. 221
— eupatoricola 224
— knoxiae Gov. et Thir. 223
— Krugiana 225
— lepidagathidis Gov. et Thir. 222
— lini 221
— marsdeniae 495, 496
— medicaginis 225

Cercospora myxae 222
— nilghirensis Gov. et Thir. 224
— oculata var. indica Gov. et Thir. 223
— oldenlandiae 228
— oldenlandicola Gov. et Thir. 227
— personata 537
— punicae 538
— rubi 225
— sissoo 244
— subsessilis 228, 538
— trichodesmae Gov. et Thir. 221
— uramensis 226, 227
— venezuelae 223, 224
— — var. indica. Gov. et Thir. 223
— waltheriae 225
Ceratosphaeria aeruginosa 593
Ceriospora montaniensis 233
Ceuthospora 492
— acantholimonis 492
— camaebuxi Petr. 579
Chaetocalathus 398
— africanus 399
— bicolor 399
— columellifer (Berk.) Sing. 398
Chaetomiaceae 123
Chaetomium murorum 103, 123
— succineum 112, 123
Cheimonophyllum Sing. 417
— candidissimum (B. et C.) Sing. 418
Chloridium sp. 103, 212
Chlorophyllum 401
— molybdites 401
Chondroplea 492
— Brenckleana (Sacc.) Petr. 492
Chromosporium 210
Chytridiales 117
Chytridium dendriticum 469
Ciboria rufo-fusca 138
Cicinnobella asperula 316
— epimeliola 329, 332
— truncatula 330
Cintractia axicola 92
— caricis 106, 164
— Clintonii 92
— externa 106
— kobresiae 92
Cladosporium herbarum 106, 107, 212
Clathrospora Cookei 107, 127
— diplospora 107, 108, 128
Claudopus nidulans 376
Clavaria sp. 111
— abietina 103, 178
Clavaria conjuncta 111, 178
— decurrens 179
— ligula 248
— obtusissima 111, 179
— pinicola 179
— secunda 111, 179
— subdecurrens 111, 179
Clavariaceae 178
Clitocybe sp. 111, 188, 248, 370, 371, 378
— aberrantissima 378
— bicolor 371
—clavipes 248, 250
Clithris crispa 103, 104, 135
— ferrugineoalba Sing. 371
Clitocybe gilva 253
— nebularis 249, 253
— odora 373
— pleurotus 378
— suaveolens 253
— tuba 253
Clypeolella 312
Clypeoporthella Bencklei 243
Coccogloeum Petr. 588, 950
— microsporum Petr. 588
Coleophoma subgen. Coleophomella 580
— soldanellae Petr. 580
Coleosporium madiae 109, 147
— solidaginis 108, 147
Colletotrichum piperis 537
Collybia 188, 372
— asema 248
— brunneosetosa 372
— castaneidisca 383
— cavipes 394
— erinensis 394
— gilva 383
— hygrophoroides 389
— mycenoides 380
— pilosa 392
— plectophylla 373, 395
— pleurotioides 395
— pseudoboryana 401
— pulchella (Berk.) Sing. 372
— retiaria (Berk.) Sing. 373
subfumosa 387
— subluxurians 387, 389
— viridis 382
Coltricia perennis 111, 181
Coniella 568
— australiensis Petr. 567
Coniophora cerebella 360, 361
— olivacea 103, 178

Conidiophoraceae 178
Coniothecium Questierii 312, 313
Coniothyrium 493
— Fuckelii 112
— nematostomatis Petr. 554
— occultum 537
— paulense 537
— pelargonii Petr. 568
— pulsatillarum Petr. 581
Conocybe 401
— subgen. Ochromarasmius 402
— sect. Pilosellae 402
— Besseyi 428
— Besseyi var. madagascariensis 427, 428
— cryptocystis (Atk.) Sing. 402
— Martiana (B. et C.) Sing. 402
— megalospora 402
— pubescens 401
— radiata 402
— siennophylla (B. et Br.) Sing. 402
— subvelata 402
— umbellula (Mont.) Sing. 401
Coprinaceae 191
Coprinus comatus 111, 191
Coriolus hirsutus 181
— versicolor 105, 181, 360
Corrugaria 394
— alba 394
— radiata 394
— viridiflava 394
Corticium sp. 103, 104, 105, 106, 172, 176
— bicolor 103, 171
— centrifugum 104, 171
— corruge 103, 104, 106, 171
— cremoricolor 103, 171
— galactinum 103, 171
— luridum 103, 172
— pelliculare 104, 172
— radiosum 103, 172
— scutellare 103
Cortinariaceae 192, 406
Cortinarius 192, 337
— aurifolius 111, 192
— cotoneus 111, 192
— heterosporus 111, 192
— orichalceus 111, 193
Creosphaeria pinea 124
Crepidotaceae 193, 414
Crepidotus sp. 103, 193, 337, 400
— albidus 416
— applanatus 416
— austroafricanus 415
Crepidotus Cesatii 415
— citrinus 414, 415
— eucalypti 415
— melleus 417
— nephrodes 415, 416
— sphaerosporus 415
— subaffinis 416
— sublevisporus 416
— sulphurinus 415
— truncatus 416
Crinipellis 397
— subsect. Grisentinae 396
— subsect. Jopodinae 396
— sect. Pseudoarachnoidei Sing. 398
— actinophora (B. et Br.) Sing. 397
— Eggersii 396
— mirabilis 496
— pseudoarachnoidea (Dennis) Sing. 398
— rubida 396
— sarmentosa (Berk.) Sing. 397
— subtomentosa 397
— uber 416, 417
— velutina 416
Cronartium comptoniae 104, 147
— pyriforme 104, 148
Crucibulum leve 111, 199
Crumenula 231, 232
— abietina 232
— laricionis 231
— sororia 231
Cryptomycina pteridis 110, 135
Cryptoporus volvatus 103, 104, 181
Cryptospora populina 482
Cryptosporella acerina 105, 123
— hypodermia 529
— populina 482
Cryptosporium 481, 482
— atrum 482
— coronatum 480, 482
Cryptostictis 465, 466
— arbuti 105, 208
Cumminsiella mirabilissima 105, 151
Cumminsina Petr. 474, 477
— clavispora Petr. 474
Curvularia inaequalis 112, 212
Cuspidosporium Cif. 303
— cuspidatum (Sacc.) Cif. 303
Cylindrocolla sp. 103, 215
Cylindrosporium rhamni 106, 208
— smilacinae 110, 208
— veratrinum 110, 209
Cyphella 439
— Bresadolae 438, 439, 440

Cyphella Bresadolae var. gregaria 438, 440
— gregaria 438, 439
— leochroma 438, 439
— musae 478
— Oudemansii 478
— tephroleuca 438, 439, 440
Cyphellaceae 169
Cystopus 340
— achyranthis 348
— alismatis 350
— amaranthacearum 348
— amaranthi 348
— argentinus 349
— austro-africanus 349
— bliti f. achyranthis 348
— brasiliensis 355
— candidus 340, 350
— — f. alyssi alyssoidis 340
— — f. brassicae nigrae 340
— — f. capsellae bursa pastoris 340
— candidus f. convolvuli 353
— — f. coronopi 340
— — f. hesperidis matronalis 340
— — f. lepidii perfoliati 340
— candidus var. Mauginii 353
— candidus f. resedae 353
— — f. sinapidis arvensis 340
— — f. syreniae sessiliflorae 340
— capparidis 350
— centaurii 355
— convolvulacearum 353
— convolvulacearum var. minor 353
— convolvulacearum var. swertiae 355
— cubicus 355
— cubicus f. convolvuli 353
— cynoglossi 354
— cyathulae 348
— evolvuli 354
— euphorbiae 357
— eurotiae 347
— Evansi 354
— froelichiae 348
— gomphrenae 347
— ipomoeae-panduranae 353
— lepigoni 349
— mikamiae 355
— mysorensis 357
— occidentalis 347
— platensis 348
— portulacae 349
— pulverulentus 358
— quadratus 354
Cystopus resedae 353
— salsolae 357
— Schlechteri 357
— solivae 355
— solivarum 355
— sphaericus 350
— spinulosus 355
— swertiae 355
— tilleae 353
— tragopogonis 355
— tragopogonis var. spinulosus 355
— trianthemae 349
— tropicus 347
Cytidia sp. 104
— stereoides 105, 106, 173
Cytospora eriogoni 108, 201
— pinastri 526
Cyttarophyllum 428
— cucullatum 111, 199
— liberatum 427
— polytrichoides 111, 199

Dacrymycetaceae 166
Dacrymyces deliquescens 103, 104, 105, 166
— palmatus 104, 167
Dactylaria domina-gregem Cif. 329, 332
Darluca filum 111, 201
Dasyscypha 432, 433
— acanthonitschkiae 111, 138
— Agassizii 103, 104, 139
— aplopappi 105, 139
— arida 103, 139, 522, 523
— flammea 105, 140
— flavovirens 522, 523
— fuscosanguinea 432, 433, 434
— nivea 105, 140
— phlogis 110, 140
— pini 433
— salmonea 105, 140
— serinella 103, 104, 140
— succinea 105, 140
Deconica 404
— goniospora (B. et Br.) Sing. 404
Dematiaceae 212
Dendryphium sp. 107, 212
— pini 103, 213
Dermateaceae 134
Dermocybe cinnamomea 248
Dermoloma 375
— atrobrunneum (Dennis) Sing. 375
— cuneifolium (Fr.) Sing. 375
Descolea 406

Descolea antarctica 407
— recedens (Cke. et Mass.) Sing. 407
Diacrochordon Petr. 591
— Rehmii Petr. 591
Diaporthaceae 123
Diaporthe 492, 560
— pimeleae Petr. 560
Diaporthopsis 243
— spiraeae E. Müll. et Ahmad 240, 241, 243
Dibotryon morbosum 105, 127
Dictyoploca 395
— guadelupensis 384
Dictyoporthe Petr. 556, 558
— Ahmadii Petr. 556
Didymella 256
— applanata 601
— cladophila 229, 601
— cousiniae 229
— cretica 484
— eupyrena 574
— leguminosarum 229
— Mutisiana 484
— obscura 229
— pedicularidis 574
— phacae Corbaz 229
— pinodes 601
— Ruttneri Petr. 574
— trifolii 229
— vexata 603
Didymosphaeria oblitescens 603
— vexata 603
Dimerina Schmidtiana Petr. 550
Dimerium alpinum 109, 123
Dimerosporium barnadesiae 484
— hamatum 86
— pulchrum 311, 314
Dinemasporium gramineum 555
— hispidulum 555
— sacchari 555
— — strigosulum 555
Diplocladium majus 111, 210
Diplodia lupini 109, 201
— veratri 110, 202
Diplodina 218
— danthoniae-frigidae Petr. 565
— silenes 110, 202
Discina ancilis 111, 144
Discomycetes 134
Discosphaerina franconica 584
— poterii Petr. 484
Discula Brenckleana 492
Ditopella ditopa 243
Divinia Cif. 326
— diatricha Cif. 327
Dothichiza pityophila 526
Dothideales 125
Dothidella dalmatica 484
— janus 105, 125
— junci 107, 125
— trifolii 125
Dothiorales 239
Dothiorella magnifructa 104, 202
Durandiella 432, 435
— helvetica Gremm. 432, 434, 435, 437
Durella compressa 103, 141

Echinodontium tinctorium 103, 180
Elasmomyces alpinus 111, 195
— echinosporus 111, 195
Elytroderma deformans 104, 135
Endodesmidium 294
Entomophthorales 119
Endogone lactiflua 111, 119
Entomaphthorales 119
Entomophthoraceae 119
Entomophthora muscae 111, 119
Entyloma compositarum 109, 163
Entyloma nymphaeae 91
— — var. macrospora Thir., Pav. Saf. 91
Englerula semecarpi Hansf. 85
Epicoccum granulatum 322
Epochnium isthmophorum 105, 213
Eriomycopsis 322
Erysibe arenariae-marinae 349
— sphaerica var. arenariae-marinae 349
— sphaerica var. caryophyllacearum 349
— sphaerica var. cruciferarum 350
Erysiphaceae 121
Erysiphales 121
Erysiphe cichoracearum 108, 110, 121
— graminis 106, 107, 121
— polygoni 108, 110, 121
Esfandiaria Petr. 594, 596
— insignis Petr. 595
Euascomycetes 120
Eurotiaceae 120
Eurotiales 120
Euryachora paeoniae E. Müll. et Ahmad 236
— thoracella 237

Eutypa 497, 499
— aterrima 497
— hydnoidea 497, 499
Excipulaceae 207
Exoascales 119
Exoascaceae 119
Exobasidiaceae 169
Exobasidiales 169
Exobasidium vaccinii 105, 106, 169
— vaccinii-uliginosi 105, 169
Exosporium pedunculatum 106, 215
— sinense 496

Favolaschia antarctica (Speg.) Sing. 368
— auriscalpium 368
— flava 369
— pygmaea 369
— sabalensis 369
— saccharina 369
Flammula 404
— brunnea 403
— elegantula 410
— graveolens 192
— penetrans 103, 192
Fomes amarus 104, 182
— annosus 104, 182, 362
— fomentarius 362
— igniarius var. arctostaphyli 105, 182
— marginatus 362
— nigrolimitatus 103, 104, 182
— officinalis 103, 104, 182
— pinicola 103, 104, 183, 360, 362
— subroseus 103, 183
Fulvifomes juniperinus 104, 183
Fusarium dominicanum Cif. 325
— meliolicolum 326
Fusicoccum bacillare 103

Galera inculta 406
Galerina 407, 413
— pellucida 408
Galeropsis 427, 430
— allosperma 427, 428, 430
— angusticeps 431
— Besseyi 431
— cucullata 428, 431
— desertorum 428, 429, 431
— liberata 431
— madagascariensis 430
— mitraeformis 431
— paradoxa 431
— plantaginiformis 429
— polytrichoides 431
Galerula cryptocystis 402
— mirabilis 406
Ganoderma applanatum 103, 183
— oregonense 103, 183
Gastromycetes 194, 427
Gastrosporium simplex 289
Gautieriales 196
Gautieria monticola 111, 196
Geastraceae 197
Geastrum coronatum 111, 197
— mammosum 197
Geopyxis cupularis 103, 144
— vulcanalis 144
Gerronema 371, 373
— elasticum 371
— icterinum Sing. 373
Gibbera sp. 103, 128
Gloeophyllum sepiarium 103, 183
Gloeosporium 525
— pteridis 110, 209
Gloniella lapponica 105, 133
Gnomonia Ospinae 542
Godronia 231
— abietina 232
— castanopsidis 105, 141
— pineti 435, 437
Gomphidius glutinosus 251, 253
Grallaeomyces 325
— portoricensis 325
Guepiniopsis alpina 103, 104, 168
Gymnoglossum elasmomycetoides 111, 195
Gymnopilus 337, 407, 408, 409, 411, 412
— amarissimus 409
— amarissimus var. subdryophilus 408
— chrysopellus 409, 411
— crocias (B. et Br.) Sing. 412
— Earlei 410, 411
— filiceus (Cke.) Sing. 411
— flavidellus 408
— luteofolius 411
— marasmioides (Berk.) Sing. 409
— oxylepis (B. et Br.) Sing. 411
— peliolepis 412
— purpuratus (Cke. et Mass.) Sing. 411
— spectabilis 410
— subdryophilus 408
— Trailii (B. et Cke.) 412
— Zenkeri 412
Gymnosporangium biseptatum 152
— libocedri 104, 105, 151

Haematomyxa 238
— bambusina 238
— vinosa E. Müll. et Ahmad 238
Halstedia portoricensis 544
Hansfordiella meliolae 318, 322, 323
Hebeloma 337
— coprophilum 403
Heimiomyces 395
— tenuipes 380, 396
Heliomyces Sprucei 386
Helminthosporiopsis 306, 307
— typica 306
Helminthosporium 25, 26, 61, 296, 298, 299, 300, 304, 319, 320, 327
— acalyphae (Thüm.) Cif. 301, 302, 305
— caespitiferum 298, 304
— capense 297
— carpocrinum 304
— crassiseptum 302, 304
— cuspidatum 303
— dasycarpum 297
— flagellatum 303
— guareicolum 300, 303
— Helleri 297, 298, 305
— hurae 319
— insigne 299, 304, 309
— leucosykae 298
— macrurum 303
— maculosum 298
— melastomacearum 304
— melioloides 298, 304
— ocoteae 302, 304
— palmetto 298, 305
— panici 297, 304, 329, 332
— parathesicolum 299, 304
— philodendri 305
— portoricense Cif. 298, 304
— spirotrichum 303
— theae 303
— vagans 107, 213
Helotiaceae 138
Helotiales 134
Helotium sp. 141
— virgultorum 105, 141
Helvellaceae 146
Helvella californica 103, 111, 146
— caroliniana 111, 146
Hemiascomycetes 119
Hemimycena 381
— alba 394
Hendersonia sp. 110, 202, 541, 545, 573
Hendersonia distans 106
— Jonesiana Petr. 545
— pulsatillarum Petr. 581
Heptameria 573
Hercospora 493
— magnoliae-acuminatae 493
Herpotrichia juniperi 520
— nigra 103, 104, 105, 128, 432
Heteroceras 465, 466
Heteropatella conglutinata 109, 207
— umbilicata 107, 108, 109, 207
Heterosphaeria sp. 108
Heterosporium sp. 110
— allii 107, 213
— asperatum 213
Hirschioporus abietinus 103, 184
Hohenbuehelia 375
Homobasidiomycetes 169
Humaria scutellata 103, 104, 110, 144
Hyalopsora polypodii 110, 148
Hyaloscyphaceae 138
Hyaloscypha atomaria 103, 138
Hydnaceae 180
Hydnangiaceae 195
Hydnangium Parksii 111, 195
Hydnotria Tulasnei 147
— variiformis 111, 146
Hydnum aterrimum 499
— repandum 253
Hydrocybe armeniaca 248
— fasciata 248, 250
— leucopoda 250, 251
— rubricosa 248, 250, 251
Hydropus 394
— erinensis (Dennis) Sing. 394
Hygroaster Sing. 370
— nodulisporus (Dennis) Sing. 370
Hygrophoraceae 369, 370, 374, 418
Hygrophorus agathosmus 248
— gigasporus 380
— gliocyclus 111, 187
— hymenocephalus 369
— nodulisporus 370
— russula 111, 187
— umbrinus 369
— vernalis 111, 187
Hymenochaete spreta 105, 173
— tabacina 105, 173
Hymenogaster Remyi 111, 195
Hymenogastraceae 195
Hymenogastrales 194
Hypocenia subgen. Hypoceniella Petr. 546
— caespitosa Petr. 546

Hypocrea citrina 111, 125
Hypocreaceae 124
Hypocreales 124
Hypocrella 597, 599
Hypoderma abietinum 103, 135
— robustum 135
Hypodermella 104, 136
— abietis-concoloris 103, 136
— medusa 104, 136
Hypomyces 335
— aurantius 111, 124
Hypoxylon diathrauston 103, 124
— serpens 105, 124
Hysterangiaceae 196
Hysterangiales 196
Hysterangium Darkeri 111, 196
— Philipsii 111, 196
— separabile 111, 196
Hysteriaceae 133
Hysteriales 133
Hysterium acuminatum var. alpinum 104, 133
— magnisporum 110, 134
— formosum 104, 134
Hysteropezizella 108, 109, 134

Inocybe 254
Inoloma traganum 250
Irene acervata (E. et E.) Hansf. 6
— acervata var. major Hansf. 32
— alchorneae-incurvae Hansf. 32
— amphilophii Hansf. 53
— andromedae 54
— anthocleistae (Hansf. et Deig.) Hansf. 6
— aucubae (P. Henn.) Hansf. 4
— Boni 54
— brachycera (Syd.) Hansf. 4
— buddleiae (Hansf.) Hansf. 6
— buddeyicola (P. Henn.) Hansf. 6
— caaguazensis Hansf. 32
— cecropiicola Hansf. 33
— echinata 50
— ekebergiae var. paraguayensis 55, 59
— forschhammeriae Hansf. 4
— Gaillardii Hansf. 55
— gay-lussaciae Hansf. 55
— guatemalensis Hansf. 33
— guioae Hansf. 5
— Henningsii (Beeli) Hansf. 56
— implicata 6
— inermis 5, 6
— mammillata Hansf. 57
Irene mendonciae Hansf. 57
— miriopoda (Cif.) Hansf. 34
— nectandrae Hansf. 34
— nusciae 6
— peruviana (Syd.) Hansf. 56, 81
— plebeja 58
— plebeja var. asperrima Hansf. 58
— pseudekebergiae Hansf. 58
— sapii Hansf. 35
— sapotacearum Hansf. 7
— — var. longipoda Hansf. 7
— schwenkiae Hansf. 36
— scorodocarpi Hansf. 36
— solanacearum Hansf. 35
— sororcula var. vernoniae 31
— Thwaitesii Berk. 7
— tonkinensis var. cecropiae 30
— vilis var. citharexyli Hansf. 35
— Werdermannii Hansf. 7
— ximeniae Hansf. 36
Irenina acervata 6
— anthocleistae 6
— aucubae 4
— Boni 54
— buddleiae 6
— buddleyicola 6
— Heudelotii 66
— implicata 6
— nuxiae 6
— plebeja 58
— plebeja var. asperrima 58
— schwenkiae 48
— Wrightii 39
Irenopsis conostegiae 4
— cornuta (Rehm.) Hansf. 1
— cupaniicola Hansf. 37
— dimorphandrae Hansf. 38
— Earleana 38
— Guignardii 51
— hoheriae Hansf. 2
— laevis (B. et C.) Hansf. 52
— malpighiicola Hansf. 2
— myrciae Hansf. 38
— omphaleae Hansf. 3
— passiflorae Hansf. 53
— pteridicola Hansf. 39
— quercifolia Hansf. 3
— Wrightii (B. et C.) Hansf. 39
Isthmospora 318, 319, 322
— glabra 318, 319, 321, 322, 330, 332
— spinosa 318, 319, 321
— trichophila 318
Ixechinus 421
— minus 421

Ixocomus piperatus 251

Johansonia 238

Karstenula mezerei Petr. 484
— rhodothamni Petr. 575
Keissleria montaniensis 233
Kellermania alpina 202

Laccaria sp. 111, 188
— laccata 248
Lachnella pini 432, 433
Lachnellula chrysophthalma 103, 141
Lachnum bicolor 105, 138
— setigerum 108, 138
Lactarius 337, 426
— adhaerens 426
— deliciosus 253
— exsuccus 261
— glyciosmus 248
— helvus 251, 253
— lignyotus 254
— mitissimus 248, 250
— necator 251
— reticulatus (Berk.) Sing. 426
— rufus 248, 251, 253
— torminosus 248
— vellereus 249
— vietus 253
Laetinaevia veratri 110, 134
Laetiporus sulphureus 103, 184
Lamproderma leiocarpa 111, 144
Laschia antarctica 368
— longicellulis 369
— viridula 395
Lasiosphaeria disjuncta 489
— vermiculata 103, 128
Lasmeniella alpina 106
Lecanorales 239
Leciographa dispersa 105, 137
Lembosia 485
— rizalensis Petr. 533
— schizospora (Zahlbr.) Petr. 485
— Stevensii Hansf. 81
Lentinus sp. 103, 104, 189, 378
— Boryanus (Berk. et Mont.) Sing. 379
— cubensis 378, 379
— lepideus 104, 188, 362
— tigrinus 363
Lentodiellum 377
— concavum 377
Lenzites abietina 363
— saepiaria 363

Lepiota 411
— amianthina 254
— cristata 254
— rhacodes var. puellaris 253
Leptodothiora 218, 576
— austriaca Petr. 576
— elliptica 218
Leptoguignardia E. Müll. 216
— onobrychidis E. Müll. 217
Leptomyces 400
Leptosphaeria sp. 107, 219
— sect. Scleropleella 220
— Ahmadii 486
— capparidicola 486
— caricinella 107, 130
— culmorum 107
— dichosciadii Petr. 560
— doliolum 108, 128
— galeobdolonis 129
— Gaubae Petr. 562
— heterospora 107, 108, 129
— junciseda 130
— maculans 109, 129
— microscopica 106, 107, 129
— Michotii 107, 129
— millefolii 109, 129
— planiuscula 109, 129
— Sowerbyi 129
— typharum 107, 129
— vagans 106, 107, 130
Leptostroma smilacis 459
Leptostromataceae 208
Leptostromella hysterioides f. graminicola 106, 208
Leptothyrium 459
— smilacis 459
Leucocortinarius bulbiger 337
Leucoinocybe 395
Limacinia 486
— carniolica (Rehm.) Petr. 486
Limacium eburneum 249
Linochora 553
Linospora brunellae 108, 130
Lohwagia verruciformis Petr. 550
Longula texensis 111, 200
Lophiostoma Brenckleanum 105, 125
— montaniensis 233, 235
Lophiostomataceae 125
Lophiostomatales 125
Lophium dolabriforme 106, 107, 134
Lophodermellina 525
— pinastri 525
Lophodermina autumnalis 103, 136
— juniperina 105, 136
— nitens 104, 136

Lophodermium 525
— phloxii 110, 136
— piceae 103, 137, 525
— pinastri 525
— pinicolum 104, 137, 525
Lycoperdaceae 196
Lycoperdales 196
Lycoperdon 249
— gemmatum 248
Lyophyllum 189, 337
— aggregatum 336
— — subsp. cinerascens 336

Macrophoma 525
— Brenckleana 492
— chrysothamni 105, 202
— cylindrospora 202
Macrosporium puccinioides 109, 213
Marasmiellus 381, 383, 387, 393
— sect. Xanthophylli 373
— alliodorus (Bert.) Sing. 381
— atroviridis (B. et C.) Sing. 382
— brasiliensis (Berk. et Mont.) Sing. 382
— calami (Petch) Sing. 383
— castaneidiscus (Murr.) Sing. 383
— concolor (B. et C.) Sing. 392
— dealbatus (B. et C.) Sing. 391
— epochnous (B. et Br.) Sing. 392
— fascicularis 383
— gilvus (Pat.) Sing. 383
— griseobrunneolus 387
— icterinus 373
— inoderma (Berk.) Sing. 384
— luteus (Dennis) Sing. 385
— omphalodes (Berk.) Sing. 385
— paspali (Petch) Sing. 386
— rubellus (Mont.) Sing. 386
— semiustus 385
— Sprucei (Berk.) Sing. 387
— subcoracinus (B. et C.) 387
— subfumosus (Speg.) Sing. 387
— subingratus (Dennis) Sing. 389
— synodicus (Kze.) Sing. 390, 391
Marasmius 396, 397, 398
— sect. Globulares 397
— actinophorus 397
— alliaceus 248
— alliodorus 381
— amabilipes 396
— arachnoides 417
— argentinensis 373
— atroviridis 381
— brasiliensis 382
Marasmius calami 382
— concolor 392
— coracicolor 372
— dealbatus 390
— epileucus 389
— epochnous 391
— gilvus 383
— inoderma 384
— merulinus 367
— neosessilis Sing. 392
— nivosus 389
— oreades 388
— paspali 386
— perforans 248, 251, 253
— petalinus 390
— plectophyllus 395
— pseudoarachnoideus 397, 398
— pulchellus 372
— rhabarbarinus 396
— rigidichorda 397
— rubellus 386
— sabali 385
— Schiffneri 392
— semihirtipes 373
— spongiosus 373
— stenophyllus 393
— subcoracinus 387
— subgraminis 390
— subingratus 389
— subprasiosmus 371
— subsynodicus 389, 390
— tomentellus 397
Marssonina potentillae 110, 209
Massarinula lignorum 105, 131
Melampsora albertensis 105, 148
— arctica 106, 148
— euphorbiae-gerardianae 109, 148
— lini 109
— ribesii-purpureae 106, 148
Melampsoraceae 147
Melampsorella cerastii 110, 149
Melanconiaceae 208
Melanconiales 208
Melanconium bambusinum 493
— lineolatum 493
Melanogastraceae 195
Melanogaster tuberiformis 111, 195
— variegatus 111, 195
Melanoleuca 111, 189
— adusta 374
— subacris 374
Melanotus 404
— hepatochrous 404
— Ridleyi (Mass.) Sing. 404

Meliola 296, 297, 298, 299, 302, 306, 325, 327, 329
— abrupta Hansf. 22, 302, 334
— acervata 6
— affinis 66
— aglaina Hansf. 59
— alternipes (Speg.) Hansf. 8
— ambigua var. casearíaecola 11, 334
— amphigena var. rondeletiae Hansf. 39
— amphitricha 68
— anacardii 321
— andromedae 54
— angusta 334
— anonaceari 334
— apiculata var. minor Hansf. 8
— argentina 9
— argentina var. africana Hansf. 9
— asperipoda Hansf. 9
— aucubae 4
— Balansae 59
— bauhiniae 11
— besleriae Hansf. 9
— bidentata 11, 66, 327
— bidentata var. minor Hansf. 10
— bignoniacearum var. major Hansf. 60
— bonarae 322
— bonarae var. aculeata 334
— Boni 54
— brachycera 4
— Brooksii Hansf. 10
— buddleyicola 6
— burgosensis Hansf. 10
— burseraceari 334
— byrsonimae 325
— calva 306
— capensis 23
— carludovicae Hansf. 11
— casearíae-guianensis Hansf. 11
— catherinensis Hansf. 12
— chamissoae Hansf. 60
— cibaoensis Hansf. 12
— circinans 9
— circinans var. rhynchosporae Hansf. 13
— citricola var. amyridis Hansf. 40
— coccolobis 13
— coccolobis-nodosae Hansf. 13
— colombiensis Hansf. 61
— comocladiae 309
— compacta 38
Meliola connaricola Hansf. 40
— Cookeana f. duvauae 23
— cornuta 1
— coronata var. triumfettae 330
— cunoniae Hansf. 13
— cyathodis var. stypheliae Hansf. 41
— cylindrophora Hansf. 16
— cymbisperma 61
— decidua 62
— denticulata Hansf. 20
— dichotoma 14
— didymopanacis Hansf. 14
— — var. domingensis Hansf. 15
— — var. polysciatis Hansf. 15
— — var. Stevensii Hansf. 15
— dioscoreicola var. peruviensis Hansf. 41
— diospyri var. leonensis Hansf. 16
— echinata 50
— effusa 62
— ehretiae Hansf. 16
— ekebergiae 59
— elaeis 65
— eugeniae-jamboloidis var. paulensis Hansf. 62
— evanida 63
— falcatiseta var. alternipes 8
— falcatiseta var. khasiensis Hansf. 16
— francevilleana 63
— Forbesii 64
— funebris 3
— lunerea 67
— furcata 64
— Gaillardiana var. domingensis Hansf. 42
— garryae Hansf. 17
— geniculata var. minor Hansf. 17
— glabra 52
— glabroides 37, 321
— Groteana var. ardisiicola Hansf. 18
— guareicola 300
— Guignardii 52
— hederae 14
— Henningsii 56
— Herteri Hansf. 65
— Heudelotii 66
— hispida 53
— illicii (Cif.) Hansf. 42
— inermis 5, 79, 306
— insignis 66, 299, 309
— jamaicensis Hansf. 42

Meliola juddiana 43
— kibirae var. domingensis Hansf. 18
— kigeliae Hansf. 18
— kisubiensis var. peleicola Hansf. 43
— lanosa 67
— laxa 45, 67
— lepisanthea 320
— lepisanthea var. schmideliae Hansf. 43
— leptospora 68
— longistipitata var. Wakefieldii Hansf. 19
— macrocarpa 67
— magnoliae var. illicii 42
— malpighiacearum Hansf. 19
— manca 29
— mauritiana Hansf. 20
— medinillae Hansf. 43
— melanococcae 65
— microspora 44, 49, 50
— mimosacearum Hansf. 20
— miriopoda 34
— moerenhoutiana 68
— Molleriana 53
— monilispora 69
— Montagnei 69
— Morrowii 65
— Negeriana 67
— newbouldiae 9
— obesa 57, 63
— opiliae var. singalensis Hansf. 70
— osmanthi var. hawaiiensis Hansf. 44
— osmanthicola Hansf. 70
— osmanthina Hansf. 70
— ostryoderridis 22
— panici var. major Hansf. 45
— panici var. uniolae Hansf. 45
— parvula 59
— paraensis 71
— Patouillardii 71
— pauciseta Hansf. 20
— paulliniae 326
— paulliniicola Hansf. 45
— pellucida 42
— penicillata 306, 310
— perae Hansf. 21
— perexigua 72
— peruviana 56
— petitiae Hansf. 72
— philodendricola Hansf. 21
— picrasmae Hansf. 21
Meliola pictetiae Hansf. 22
— piperis-barbati Hansf. 46
— pittospori Hansf. 22
— plebeja 54, 58
— plebeja var. asperrima 58
— plectroniae Hansf. 72
— polyalthiae Hansf. 73
— polysciatis 15
— praetervisa var. Stevensii Hansf. 73
— pseudocapensis Hansf. 23
— psidii 62, 321
— psychotriae 74
— pteridicola 39
— pulchella 56
— pululahuensis 47
— quinqueseptata 5
— randiae-aculeata Hansf. 74
— regiae Hansf. 23
— reticulata 51
— rhoina 74
— rhois var. africana Hansf. 75
— rhois var. flexuosiseta 23, 74
— Rickiana Hansf. 24
— sandwicensis 75
— — var. gouldiae Hansf. 75
— sapindi-esculenti Hansf. 74
— scabriseta var. brasiliensis Hansf. 47
— schwenkiicola Hansf. 48
— sclerolobii Hansf. 24
— seminata 18, 310
— serjaniae var. densa Hansf. 48
— — var. major Hansf. 49
— solanicola 56
— sparsipoda Hansf. 24
— spigeliae Hansf. 49
— Standleyi Hansf. 76
— Stevensiana Hansf. 76
— stizolobii var. brasiliensis Hansf. 76
— strychnicola 77
— swieteniae 323
— telosmae var. tylophorae Hansf. 50
— Thwaitesii 7
— tijucensis Hansf. 77
— tonkinensis 51
— tonkinensis var. cecropiae 323
— tridentata Hansf. 25
— — ugandensis Hansf. 65
— Ulei 44
— verrucosa 55
— vignae-gracilis var. panamensis Hansf. 78

Meliola viburnicola Hansf. 25
— Warneckei Hansf. 78
— Wrightii 39
— xylosmaticola Hansf. 50
— zetekii 72
— zig-zac 26
Meliolinella uncinata (Syd.) Hansf. 85
Meliolinopsis 61
Melomastia shastensis 103, 130
Meruliaceae 177
Merulius atropurpureus 103, 177
— bellus 103, 104, 105, 177
— ceracellus 103, 177
— fugax 103, 177
— lacrymans 360, 363
— Ravenelii 103, 177
— vastator 104, 178
Metasphaeria 219
— boehmeriae 220
— sepalorum 106, 107, 130
— sepincola 220
— staphylina 577
Metraria 400
— insignis 400
Micrographa 485
— schizospora 485
Micromphale 392, 393
— euomphalum (Berk.) Sing. 393
— foetidum 388, 393
— luteum 385
— stenophyllum (Mont.) Sing. 394
— subavellaneum 387
Micromycopsis 294
Micropeltis 486
— carniolica 486
Microsynchytrium 295
Microthyriaceae 125
Microthyrium microscopicum 107, 125
Mitteriella 317
— zizyphina 317
Mollisia hysterioides 105, 110, 141
— shastensis 103, 105, 108, 142
Moniliaceae 209
Moniliales 209
Monochaetia 465
Montagnea arenaria 111, 200
Montagnellina 220
Morchella esculenta 146
Mortierella pusilla 112, 119
Mucor sp. 111
— hiemalis 112, 118
Mycena 249, 250, 381, 394, 395
— alba 394
— alcalina 111, 189
— Dennisii Sing. 394
— elegans 248, 252
— epipterygia 248
— gracilis 111, 189
— griseiconica 111, 189
— griseoviridis 103, 111, 190
— lactea 248, 252
— laevigata 111, 190
— lenta 395
— lilacifolia 103 190
— metata 248, 252
— plicosa 252
— pura 248, 253
— rosella 252
— sepia 248, 252
— violaceella (Speg.) Sing. 395
— viridula (Berk.) Sing. 395
— vulgaris 252
— zephira 252
Mycenastraceae 197
Mycenella 380
Mycoacia alboviridis 103, 180
Myiocopron smilacis 459
Myiocoprula Petr. 547
— gregaria Petr. 547
Mycosphaerella 104, 484, 577, 585
— agrostidis 106
— allicina 487
— aquilegiae 109
— brachycomes Petr. 562
— dalbergiae E. Müll. et Ahmad 243
— dalmatica (Pieb.) Petr. 484
— dianellincola Petr. 563
— schoenoprasi 107
— Tassiana 106, 107, 110
— thujae 487
— Tulasnei 107
— vindobonensis Petr. 577
— vivipari 585
Mycosphaerellaceae 126
Myxacium mucosum 248
Myxosporium staphyleae 492
— ulmi 529

Naematoloma 403, 406
— elongatipes 403
— elongatum 403
— fasciculare 111, 192, 403
— sublateritium 403
— udum 404

Naemosphaera 492
— shastensis 202, 492, 493
Naemosphaerella 493
— ceratophora 493
Napicladium 298
— portoricense 298
Naucoria sp. 111, 193
— curcuma 414
— hamadryas 406
— pellucida 407
Nectria 326
Nectriella 208
— pedicularis 108
Nectrioidaceae 208
Nematosporangium 451
— aphanidermatum 451
— aphanidermatum var. hawaiiensis 451
Nematostoma Singeri Petr. 552
Nemosphaera shastensis 110
Neopeckia Coulteri 104, 130, 520
Nidulariales 199
Nyssopsora echinata 109, 152

Odontia cristulata 104, 180
— crustosa 105, 180
Odontotrema minus 103, 137
Oidium magnisporum 103, 210
Ollula pezizoidea 208
Olpidium 471
— trifolii 471
Omphalia alba 394
— bicolor 370, 371
— cylindrospora 371
Omphalina 371
— euomphalus var. lutea 373
— rustica 111, 190
Omphalospora melaena 541
Oomycetes 117
Oospora 327
— hyalinula 328
— meliolae 328
— pucciniophila 327, 328
Ophiobolus indigoferi E. Müll. et Ahmad 235, 236
Ophiosira Petr. 510
— austriaca Petr. 510
Ophiotrichum acalyphae 302
Orbilia coccinella 106, 137
Orbiliaceae 137
Otidea leporina 248
Otthia 220
Otthiella 220

Oudemansiella 379
— canarii 379
— radicata 380
Ovularia lotophaga 109, 210

Panus bicolor 375, 376
— concavus 377, 378
— Leprieurii 379
— levis 376
— Sprucei 375, 376
Papularia bambusina (Speg.) Petr. 493
— ecuadorensis 493
Papulospora 313
Parodiopsis perae 319
Patella coprinaria 112, 145
Patellaria 238
Patellariaceae 137
Patellea californica 105, 142
— umbrorum 103, 142
Patinella abietina 103, 105
— albo-viridis 104, 142
Patouillardina clavispora 82
— — var. tenuis Hansf. 82
Paxillaceae 193
Paxillus 418, 420
— defibulatus 420
— involutus 420
— panuoides 103, 193
— retiarius 372, 373
— veluticeps (Cke. et Mass.) Sing. 418
— viridis 420
Paxina nigrella 111, 145
Pellicularia sp. 104, 174
— flavescens 103, 173
— subcoronata 104, 174
— vaga 104, 174
Peltaster byrsonimae Hansf. 83
Penicillium 111, 120
— lanosum 112, 121
— notatum 112
— Raciborskii 121
— Raistrickii 112
Peniophora spp. 103, 104, 105, 106, 175, 176, 209
— assimilis 106, 174
— chaetophora 174
— cinerea 104, 105, 174
— cornosa 103, 174
— crassa 174
— eximia 103, 175
— gigantea 364
— gracillima 104, 175

Peniophora incarnata 104, 105, 175
— incarnata var. hydnoidea 499
— pallidula 103, 175
— sanguinea 104, 175
— subulata 103, 175
Penzigia quercus E. Müll. et Ahmad 244
Periconia sp. 103
Peronospora grisea 110, 118
Peronosporaceae 118
Peronosporales 118
Pestalozzia 110, 465
Peyronelia sirodesmoides 105, 213
Peziza violacea 145
Pezizaceae 144
Pezizales 144
Pezizella helotioides 107, 142
Phacidiaceae 134
Phacidium 518, 526
— infestans 518, 519, 520, 522, 524
Phacostroma Petr. 482, 527
— hypodermium Petr. 527, 529
Phacostromella Petr. 480, 482
— coronata (Fuck.) Petr. 480, 482
Phaeodimeriella asperula 316
Phaeogyroporus 419
— sudanicus 419
Phaeoisariopsis griseola 538
Phaeomarasmius 413
Phaeomarasmiellus erinacellus 414
— erinaceus 414
— gracilis 414
— muricatus 413
Phellinus cryptarum 364
Phialea sp. 106, 143
Phlebia albida 103, 178
Phlebiella candidissima 103, 176
Phlebopus 419
— colossus 419
Phlegmacium collinitum 253
— multiforme 248
Pholiota 404
— helicaes (B. et Br.) Sing. 405
— involuta 104, 192
— muricata 413
— trachyspora 111, 192
Pholiotina 402
— pygmaeo-affinis 402
Phoma sp. 104, 108, 203, 493
— caricis 106, 203
— drobnjacensis 582
— eriogoni 108, 203
— eustaga 537
— gentianae-punctatae Petr. 581
Phoma Harknessii 104, 203
— herbarum 108, 203
— herbicola 106, 203
— lupini 495
Phomaceae 201
Phomales 201
Phomopsis 482, 549
— Robergeana 492
Phragmidium 476
— acaenae 504
— acaenincola Petr. 503
— acuminatum 504
— imitans 106, 152
— ivesiae 110, 152
— novae-zelandiae 504
— occidentale 106, 152
— potentillae 504
— rosae-californicae 106, 153
— rubi-idaei 153
— subsimile 504
Phragmosperma 219
— marattiae 219
Phycomycetes 117
Phyllachora 534
— acalyphae 487
— arthrostylidii 543
— eragrostidicola 487
— eragrostidis 487
— Halstediana 544
— hoyosensis Petr. 544
— kwantungensis Petr. 534
— micropeltoidea Petr. 552
— monanthochloes Petr. 542
— orbicula 535
— paulliniae Petr. 553, 554
— pichinchae 487
— portoricensis 543
— sapindacearum 554
— sphaerosperma 534
— subrepens 554
Phylloporus 419, 420
— hypericon (Cke. et Mass.) Sing. 420
— paradoxus 420
— rhodoxanthus ssp. foliiporus 420
Phyllosticta amicta 105, 203
— caricis 106, 204
— crustosa 109, 204
— ferax 109, 204, 495
— fritillariae 109, 204
— heucherae 493
— innumera 493
— melanoplaca 110, 204
— monardellae 109, 204

Phyllosticta nigrescens 110, 205
— pirolae 494
Phyllostictina artocarpina 537
— citricarpa 537
— musarum 537
— pirolae (E. et E.) Petr. 494
Phyllotopsis 376
— nidulans 376
Physoderma 472
— trifolii 471
Piline hamatum (Penz. et Sacc.) Hansf. 86
Pilosace Pendolae 405, 415
Placosphaeria shastensis 109, 205
Plagiophiale Petr. 585, 587
— eucarpa (Karst.) Petr. 586
Plagiosphaera 450
Plagiostigme 587
Plagiostoma 587
Plenodomus 493
Pleospora sp. 107, 108, 132, 541
— ambigua 131, 132
— ambigua var. ambigua 108
— amplispora 109
— anthyllidis 131
— balsamorhizae 109, 110, 131
— chlamydospora 541
— compositarum 109
— diplospora 109
— elynae 106, 107, 131
— gigaspora 109, 131
— herbarum 106, 108, 110, 131
— mezerei 484
— permunda 107, 108, 109, 132
— tragacanthae 110, 132
Pleurodiscus amperae Petr. 566
— gregarius 524
— Wettsteinii Petr. 523
Pleuroflammula 405
Pleurotus 376, 377
— candidissimus 418
— concavus 378
— corticatus 376
— fimbriatus 378
— hirtus 378
— levis 376
— ostreatus 364
— petaloides 104, 190
— prometheus 378
— Rickii 378
— sajor-caju 378
— septicus 418
Pluteus 400, 409, 426
— cervinus 191
Pluteus grandis 417
— phlebophorus 380
Podoconis 303, 304
— macrura 303
— parva 303
— theae 303
Podosporella 307
Podosporium 296, 298, 299, 306, 307
— antillanum (Frag. et Cif.) Cif. 308, 311
— caudatum (Syd.) Cif. 307, 308
— clerodendri (Sacc.) Cif. 308
— consors 308, 310
— Deightonii (Hansf.) Cif. 308
— densum 307
— dieffenbachiae (Stev.) Cif. 308
— effusum 307
— glabroides (Stev.) Cif. 307, 309
— insulare 307
— melanoplaca (B. et C.) Cif. 308
— pallidum 307
— parasiticum 308
— penicillatum (Lév.) Cif. 307, 310
— penicillium 306
— penicillium var. clerodendri 308
— penicilloides 308
— rigidum 306
— Spegazzinii 306
— strychni (P. Henn.) Cif. 308, 311
— ugandense 307
Polyporaceae 180
Polyporales 169
Polyporus adustus 364
— betulinus 364
— brumalis 364
— confluens 250
— elegans 105, 184
— hispidus 364
— pinicola 362
— Schweinitzii 364
— sulphureus 364
— vaporarius 364
— zonatus 364
Polystictus cinnabarinus 364
— versicolor 360, 364
Polythrincium trifolii 110, 125, 214
Pompholyx occidentale 111, 198
Poria albolutescens 104, 184
— asiatica 104, 184
— ferrea 104, 185
— ferrugineo-fusca 104, 185
— ferruginosa 104, 185
— lenis 104, 185
— monticola 365

Poria rufa 104, 185
— sinuosa 104
— subincarnata 104, 185
— tenuis 104, 185
— tsugina 104
— Vaillantii 365
— vaporaria 104, 186
— xantha 104
Porodaedalea pini 104, 186
Poromycena viridula 395
Porphyrellus 400, 422, 423
— Cookei 422
— malaccensis 422
— subflavidus 422
Prospodium 505
— Cumminsii Petr. 504
— oblectum 505
Protomyces 471
Psalliota 338
— bispora 338
— silvatica 250, 338
Psammomyces plantaginiformis 427
Psathyrella atrifolia 111, 191
Pseudodiplodia hierochloes Petr. 583
— Patzakii Petr. 583
Pseudographium 307
Pseudohydnum gelatinosum 104, 168
Pseudomassaria 603
Pseudomassariella Petr. 601, 602
— vexata (Sacc.) Petr. 603
Pseudophacidium 218
— ledi 218
Pseudoplea trifolii 488
Psilocybe 403
— paupera Sing. 404
— uda 404
Pterophyllus Bovei 376
Puccinia absinthii 105, 153
— asarina 108, 153
— asperulae-aparines 483
— atrofusca 106, 153
— calochortii 108, 153
— caricis 106, 154
— centaureae 483
— chamaesarachae 108, 154
— cicutae 108, 154
— circaeae 108, 154
— cirsii 483
— conmandrae 108, 154
— Crandallii 106, 154
— cruciferarum 108, 154
Puccinia Douglasii 110, 154
— effusa 110, 155
— escharoides 505
— extensicola 106, 155
— — var. asteris 108, 155
— gentianae 582
— geranii-aculeolati Petr. 505
— glumarum 106, 107, 155
— grindeliae 105, 155
— Harknessii 110, 156
— heterospora 328
— heucherae 109, 110, 156
— hieracii 107, 109, 156
— Jonesii var. cymopteri 108, 157
— ligustici 109, 157
— melanconioides 157
— mellifera 110, 157
— menthae 109, 158
— monoica 107, 158
— oxyriae 109, 158
— Palmeri 109, 110, 158
— Pattersoniana 107, 159
— pentstemonis 109, 159
— pimpinellae 109, 159
— poae-sudeticae 107, 159
— pseudocymopteri 108, 159
— rubigo-vera 107, 159
— — var. agropyri 107, 108, 160
— rufescens 109, 160
— saussureae 483
— scandica 108, 160
— sejuncta 109, 160
— subdecora 108, 160
— vagans 108, 109, 160
— — var. gayophyti 109, 161
— veratri 110, 161
— violae 110, 161
Pucciniastrum Goeppertianum 103, 106, 149
— myrtilli 106, 149
— pirolae 108, 110, 150
— pustulatum 108, 149
— sparsum 105, 150
Pulveroboletus 419
— trinitensis 420
Pycnochytrium 295
Pyrenocyclus Petr. 515
— ambiguus Petr. 516
Pyrenopeziza Chailletii 240
— lavaterae E. Müll. et Ahmad 239, 240
Pyrenophora fenestrata 108, 132
— hispida 108, 132
— trichostoma 132

Pyrrhoglossum 409, 412
— hepatizon 413
— holocrocinum (Berk.) Sing. 412
— pyrrhus 413
— stipitatum 413
Pythium 451
— aphanidermatum 451, 452, 453
— Butleri 451, 452, 453, 454, 455, 457, 460, 461, 462
— de Baryanum 454, 455, 459
— deliense 451
— indicum 451
— indigoferae 451, 453
— myriotylum 454
— ultimum 454, 455, 459

Questiera 312, 313
— pulchra var. corni-sanguinei 315
Questierella Raimundi 313

Rabenhorstia 493
— magnoliae 493
Rhacodium turfaceum var. coronatum 499
Radulum aterrimum 397, 499
— laetum 499
Ramaria cinerea 248
— palmata 253
— stricta 247, 248
Ramularia claytoniae 108, 211
— delphinii 108, 210
— dichosciadii Petr. 570
— nivosa 211
— mimuli 109
— obducens 109
— pentstemonis 110
— senecionis var. carniolica 110, 211
— Tulasnei 109, 211
Ravenelia 477
Rheosporangium aphanidermatum 451
Rhinotrichum 324
Rhipidocarpon javanicum 535
Rhizomorpha subcorticalis 215
— subterranea 103, 215
Rhizopogon brunnescens 111, 195
— exiguus 111, 195
— occidentalis 111, 195
— pannosus 111, 195
— provincialis 111, 195
— rubescens 111, 196
— separabilis 111, 196
Rhizopogonaceae 195
Rhodopaxillus 337
— irinus 336
Rhodopaxillus nudus 253, 336
Rhodophyllaceae 193
Rhodophyllus 111, 193, 417
Rhynchostoma exasperans 109, 205
Rhyparobius monascus 112, 145
Ripartitella 401
— brasiliensis 401
Romellina Petr. 597, 600
— variabilis Petr. 597
Rosellinia rimincola 105, 124
— subsimilis 105, 124
Rozites 337
Russula 249, 337
— Adelae 265
— adusta 262
— aeruginea 280, 425
— albonigra 262
— alutacea 276
— amethystina 280
— amoena 279
— argyracea Cern. et Raab 281
— armeniaca 426
— atropurpurea 269
— atrorubens 271
— aurantiolutea 278
— aurata 274
— aurora 273
— aurora f. velata 273
— avellanea 286
— azurea 280
— Bachii Cern. et Raab. 265, 273
— badia 251
— brunneomarginata Cern. et Raab 282
— caerulea 280
— cavipes 268
— chamaeleontina 278
— chloroides 261
— chrysodacryon 267
— citrina 279
— claroflava 264
— consobrina 267
— curtipes 276
— cyanoxantha 254, 285
— decolorans 263
— delica 111, 194, 261
— densifolia 262, 426
— drimea 268
— elephantina 263
— emetica 253, 270
— exalbicans 271
— fallax 269
— farinipes 266
— fellea 266

Russula flava 264
— foetens 254, 266
— fragilis 251, 270
— fragilissima 425
— furcata 283, 284
— glaucophylla 261
— graminicolor 281
— grata 266
— heterophylla 282, 283
— Hoehnelii 425
— immaculata (Beeli) Sing. 425
— integra 248, 278
— languida Cern. et Raab 276
— lepida 270, 271, 272
— lilacea 285
— Linnaei 272
— lutea 279
— — f. luteorosella 426
— luteotacta 270
— maculata 274, 283
— Mairei 270
— melliolens 426
— mollis 280
— mustelina 263
— nauseosa 275
— nigricans 262
— nitida 248, 278
— obscura 250, 264
— ochracea 279
— ochroleuca 266
— ochroviridis 283
— olivacea 277
— olivascens 265
— paludosa 248, 273
— pectinata 267
— Peltereaui 284, 285
— peracris 268
— pseudoaurata 274
— pseudointegra 271
— puellaris 248, 275
— punctata 280
— purpurea 269
— purpureo nigra 426
— Queletii 268
— Romellii 273
— rosacea 270
— rosea 273
— roseipes 277
— sanguinea 253, 270
— sardonia, 268
— Schiffneri 269
— Schoeffelii Cern. et Raab 277
— semicrema 262
— serotina 282
— singaporensis Sing. 425
Russula solaris 279
— sororia 267
— Steinbachii 264
— subcompacta 285
— subfoetens 266
— subtomentosa Cern. et Raab 283
— versicolor 275
— vesca 283, 285
— veternosa 269
— vinosa 264
— violascens 269
— violeipes 279
— virescens 281, 283
— xerampelina 264
— xerampelina var. elaeodes 265
— xerampelina var. erythropoda 265
— — var. graveolens 265
— — var. olivascens 265
Russulaceae 194, 425
Rutstroemia 105, 143

Saprolegnia sp. 117
Sarcinella 311
— acalyphae 312, 315, 316
— ancoche 315, 316
— heterospora 311, 312, 313, 314, 315, 316
— heterospora f. ligustri 313
— — f. corni 314
— Millerii 316
— milletiae 312, 315
— oreophila 312, 313, 315, 316
— Questieri 315, 316
— Raimundi 313, 315, 316
— Tandonii 312, 315, 316
Sacrosphaera amplissima 111, 146
Scharifia Petr. 448
— procumbens 448
Schiffnerula 317, 484, 536
— barnadesiae (Pat.) Petr. 484
— Clemensiae Petr. 535
— domingensis 312
— mirabilis 317
— radians 317
— salviae Hansf. 79
Schroeteria Delasrina 91
Scelobelonium australiense Petr. 565
— melanosporum 106, 107, 109, 143, 565
Scleroderma bovista 112, 198
— cepa 198
— hypogaeum 112, 198
Sclerodermataceae 198
Sclerodermatales 198

Scleroderris 231
— abieticola 104, 143
— abietina 231, 232
— Lagerbergii Gremm. 232
Sclerogaster 290
— Broomeianus 290
— candidus 291
— compactus 291
— gastrosporioides Pilat et Svrček 289, 291
Sclerosphaeropsis 493
— heldreichiae 493
— shastensis (Sprague et W. B. Cooke) Petr. 493
Sclerotinia 143
Sclerotium sp. 104
Sclerozythia Petr. 539
— nectroidea Petr. 539
Scolecotrichum graminis 106, 107, 214
Secotiaceae 199, 430
Secotium nubigenum 111, 200
— pingue 111, 201
Sedecula pulvinata 112, 199
Sedeculaceae 199
Selenophoma buphthalmi Petr. 584
— donacis 205
— epilobii Petr. 494
— linicola 109, 205
— obtusa 106, 107
— poterii 484
Sepedonium 335
— chrysospermum 104, 211
— dubium 335
— epimeliola Cif. 333
— meliola (Stev.) Cif. 333, 335
— oidioides (Speg.) Cif. 333, 335
Septoria aromatica 109, 205
— astragali 109, 205
— canberrica Petr. 567
— circinata 105
— curvispora 105, 206
— echinopsis 495
— Lunelliana 106, 206
— marginata 206
— minuta 107, 206
— nodorum 107, 206
— Oudemansii 206
— pruni 105, 206
— schizeilematis Petr. 566
— shastensis 108, 206
— variegata 106, 207
Septoriella sp. 109, 207
Serpula americana 103, 104
Sirexcipula wyomingensis 107, 110, 208
Solenia anomala 106, 170
— candida 103, 104, 170
— ochracea 169
Sordaria bombardioides 112, 123
Sordariaceae 123
Spegazzinia 318, 319, 322
— ammophila 318
— brasiliensis 318
— calyptospora 318
— chandleri 318, 322
— coffeae 318
— effusa 318
— lobata 318
— meliolae 318, 321
— meliolicola 318
— ornata 318
— rubra 318
— tessarthra 318
— trichophila 318
— tucumanensis 318
Sphacelotheca 89, 93
— eleocharidis 93
— kobresiae (Mundkur) Pav. et Thir. 92
— Schweinfurthiana 92
— — var. minor 91
Sphaerella Antoniana 487
— canadensis 487
— eucarpa 585, 586
— euphorbiae-exiguae 487
— polygonorum 585
Sphaeria oblitescens 603
Sphaerialea 220
— primulaecola 220
Sphaeriales 123
Sphaeridium luteum 104, 215
Sphaerodothis calospora 487
— magnifica 487
— portoricensis 543
Sphaeronema hydnoideum 499
Sphaeropsis arctostaphyli 207
— microscopicum 207
— microspora 108
Sphaerotheca epilobii 108, 122
— macularis 107, 110, 122
— — var. fuliginea 107, 122
Sphaerulina maroccana 488
— myriadea 219
Spilosticta hellebori (Rehm) Petr. 488

Spiropes Cif. 302
— guareicola (Stev.) Cif. 303
Spongipellis borealis 104, 186
Spongiporus leucospongia 103, 186
Sporhelminthium 307
Sporidesmium tessarthrum 318
Sporobolomyces roseus 109, 215
Sporochisma Saccardoi 305
Sporormia 489
— subgen. Neohormia Petr. 490
— australis 112, 123
— disjuncta (Ahm.) Petr. 489
Sporotrichum sp. 112, 211
Stagonospora sp. 104, 207
— calamagrosticola 495
— danthoniae-frigidae Petr. 569
— dolosa 569
— epigeios Petr. 495
— meliloti 488
— simplicior 107
Stemphylium sp. 109, 214
— consortiale 111, 214
— muriculatum 318, 320, 321
Stereum gausapatum 365
— hirsutum 104, 105, 106, 176
— rugisporum 103, 104, 176
— sanguinolentum 365
Stictochorella heucherae 493
— lupini 495
Stigmatea sequoiae 104
Stilbaceae 214
Stilbum tomentosum var. ovalisporum 104, 214
Stomatogene agaves 87
Stomatogenella Petr. 507, 509
— mirabilis Petr. 507
Stomatogenellaceae Petr. 509
Strobilomyces 421, 422
— floccopus 422
— ligulatus 423
— montosus 422
— nigricans 422
— pallescens 423
— paradoxus 424
— polypyramis 422
— rufescens 424
— velutipes 421
Strobilomycetaceae 421
Stropharia 406
— sienna 111, 192
Strophariaceae 192, 403, 404, 406
Strophariodeae 406
Suillus sp. 194
— sect. Piperati 421
Suillus Grevillei 421
— piperatus 421
Synchytrium 292, 294, 441, 446, 447, 469, 471, 472, 473
— aecidioides 441
— asari 108, 117
— aureum 109, 117, 292, 295
— australe 292, 441
— Brownii 292
— bupleuri 469, 471
— centranthi 469, 471, 473
— cerastii 292, 295
— chiltonii 292
— dendriticum 469, 470, 471, 473
— Edgertonii 292, 295
— endobioticum 469
— fulgens 293
— geranii 292, 295
— groenlandicum 469, 472, 473
— minutum 469
— montanum 469, 470, 472, 473
— shuteriae 467, 468, 469, 470
— stellariae 292, 295
— trifolii 471, 472, 473

Taphrina castanopsidis 105, 119
— confusa 105, 119
— flectens 105, 120
— potentillae 110, 120
— pruni-subcordatae 105, 120
Teichospora Chevalieri 132
— megastega 105, 132
Telamonia brunnea 248
Teratospermum Hansfordii 318
— meliolae 318
Tetrachia quadrigemina 318
— singularis 318, 321
Thaxterogaster 407
Thelephoraceae 170
Thyridaria californica 106
Thyrenula sp. 104, 208
Tilletia eleusines 90
— Courtetiana 90
— Narasimhanii 90
— narayanaraoana 91
— panici-humilis Pav. et Thir. 89, 90
— themedae-anatherae Pav. et Thir 89
— themedicola Mish. et Thir. 89
— tumefaciens 90
Tilletiaceae 163
Tilotus lenzitiformis 376
Titaea sp. 108, 211
— subgen. Aorate (Syd.) Cif. 331

Titaea subgen. Eu-Titaea Cif. 331
— subgen. Papilio Cif. 331
— bialowiczensis 330
— callispora 329
— costaricana 331
— Doidgeae 330
— hemileiae 330
— maxilliformis 329
— mimeoma Cif. 328, 330, 331, 332
— ornithomorpha 329
— pes-avis Cif. 328, 333
— rotula 329
— triradiata 330
— ugandae 330
— verrucosa 330
Tomentella sp. 104, 177
Torula crustacea 106, 214
Trabutia portoricensis 543
Trachypus versipellis 251
Trametes pini 365
— serialis 365
Trechispora Brinkmanni 104, 177
Tremella mesenterica 104, 106, 168
Tremellaceae 168
Tremellales 166
Trichoderma viride 104, 112, 211
Tricholoma 374
— subgen. Fibulocutis 373
— sect. Glaucoalba 373
— subgen. Humidicutis 374
— sect. Marginata 374
— acre 374
— albosquamatum 379
— argyraceum 254
— atrobrunneum 375
— cuneifolium 375
— glaucoalbum 373
— griseum 374
— immaculata 425
— irinum 336
— nudum 250
— rhizoideum 111, 190
— saponaceum 248
Tricholomataceae 187
Trichasterina cheirodendronis Hansf. 83
— polyalthiae Hansf. 84
Trichometasphaeria 220
Trichoscyphella tenuipilosa 104, 144
Trichosphaeria solaris 104, 133
Trichothecium roseum 104, 212
Trichothyrium 318, 319, 321
— asterophorum 318, 321
— reptans 318
Trinacrium 329
Tripospermum 329
Triposporium 329
— cristatum 318
— Ledermanni Hansf. 88
Trogia hispida 399
Trullula australiensis Petr. 569
Tryblidiella macrospora 104, 137
Tryblidiopsis pinastri 436, 437
Tuberaceae 146
Tuberales 146
Tuberculariaceae 214
Tulasnella sp. 104, 166
— fuscoviolacea 104, 166
Tulasnellaceae 166
Tulostoma tuberculatum 111, 199
Tulostomataceae 199
Tylopilus 421
— minor 421
Tympanis 436
— pinastri 437
— pithya 104, 134
Typhula sp. 107, 109, 110, 179
Tyromyces caesius 187

Uleomyces dendriticus 490, 491
Ungulina marginata 360
Uredinales 147
Uredo albugo 355
— bliti 348
— candida 350
— — var. alyssi 350
— — var. capparidearum 350
— candida var. caryophyllacearum 349
— — var. cnici 355
— candida var. portulacearum 349
— — var. thlaspeos 350
— candida var. tragopogi 355
— candida var. tragopogonum 355
— cheiranthi 350
— convolvulae 353
— cruciferarum 350
— cubica 355
— obtusata 355
— portulacae 349
— thlaspi 350
— tragopogi 355
Urocystis agropyri 106, 163
— sorosporioides 107, 164
Urohendersonia 514
Urohendersoniella Petr. 513
— mastigospora Petr. 513

Uromyces amoenus 107, 161
— aterrimus 107, 161
— aureus 107, 161
— fabae 109, 110, 161
— Hieronymianus 505
— Holwayi 109, 162
— hyperici 109, 162
— intricatus 108, 162
— junci 107, 162
— lilii 163
— meygounensis Petr. 506
— occidentalis 109, 163
— proeminens 163
— proeminens var. proeminens 109
— shahrudensis 483
— spragueae 108, 163
— Teodorescui 483
Ustilaginaceae 164
Ustilaginales 163
Ustilago bullata 106, 164
— ornata 91
— shastensis 105, 165
— Spegazzinii var. agrestis 106, 107, 165
— striaeformis 106, 165
— violacea 110, 166
Ustilago Williamsii 107, 166

Venturia 525
— kalmiae 105, 133
Verticillium sp. 104
— terrestre 112, 212
Volvariella 400

Wettsteinina subgen. Wettsteiniella Petr. 578
— carinthiaca Petr. 577
— Eliassonii Petr. 491
— gigaspora 492
Woroninella 467, 468, 469, 473

Xenotypa Petr. 497, 499
— aterrima (Fr.) Petr. 499
Xerocomus chrysenteron 248, 250
— miniato-olivaceus 111
Xerula 380
— chrysopepla 380
Xylariaceae 124
Xylosphaeria floridana Petr. 544
— livida 545

Zygomycetes 118.